



OSRD Releases Story of University Administration of Rocket Research

Director Simplifies Admissions

Requests Swamp Admission Office; Procedure Changed

IN A STATEMENT this week by Harold Sutton, Director of Admissions, a new simplified procedure for the admission of veterans was outlined.

Mr. Sutton said that the volume of veteran and civilian applications for February, 1946, together with the increasing volume of inquiries for the summer of 1946 and September, 1946, have exceeded any previous evaluation work loads in the Office of the Director of Admissions.

It has been a source of great regret to the University, and the Office of Admissions, as well as to the veteran, that the mass of paper work should prevent early actions on all applications, he said.

To facilitate matters, particularly the urgent need of veterans, the University Veterans' Admissions Committee and the Engineering Admissions Committee have authorized a new procedure which is now being used for each veteran whose complete credentials are on file.

For each, a letter of admission addressed to the Division of Special Students will be issued with added information that as soon as time permits, a complete evaluation will be made, and the veteran will be informed of his eligibility for the division to which he applied. In certain cases where credentials for previous work undertaken in high school or college does not qualify him for transfer to the division of his choice, he will be given the opportunity of demonstrating his ability to improve his educational record with a prospect for subsequent admission to degree candidacy. In some instances specific entrance unit deficiencies will be made up while in the Division of Special Students.

In the cases of veterans whose credentials have not all been received or who have failed to take required aptitude tests, the Veterans' Admissions Committee has authorized that these students shall also be placed in the Division of Special Students. However, it is unlikely that the pressure of incoming applications for the summer and fall will leave available time for further attention this term to those whose files are incomplete as of this date.

Such persons who are successful in maintaining satisfactory scholastic records may care to arrange for the filing of the items now missing from their files during the ensuing term. If the records or other items are filed within the period during which twenty-four hours have been taken here, such students may again request an evaluation. If such items are not provided within this period of twenty-four credit hours, approximately two terms, such students will be assumed not to be interested in degree candidacy here, and will then be transferred to the Division of University Students. Only prospective degree candidates are intended to be registered in the Division of Special Students.

The Office of Admissions anticipated that by this week virtually all persons previously admitted on temporary permit, will receive a letter from this office concerning this new procedure.

Pick Up Supplies

ANNE DAVIES requests those veterans who left unfilled supplies requisitions with her to call for them at the Student Club.

WABF Drive Collects \$150 In Two Weeks

CULMINATING THE second week of the Women's Activities Building Fund Drive, a total of \$150 has been collected, Campus Committee Chairman Shirley Smith announced.

Progress of the drive and further plans will be discussed at a meeting of the Executive Committee, at 7:30 p.m., Tuesday, April 2, in Columbian House, Drive Chairman Betty Munson stated. Members of the Executive Committee are: Shirley Smith, Campus Committee Chairman; Mildred Blevins, Alumnae Committee; Betty Weethee, Publicity Committee; Gloria Menzel, Recording Secretary; Dorothy Veon, Faculty Representative, and Ruth H. Atwell, Executive Secretary.

Much time and energy have been given by the numerous representatives on the drive committees. Initial plans were formulated, posters made, spoons of tape bought, the "Stick Your Dime to the Tape" slogan was publicized, and representatives from campus organizations filled the spoons of tape to the extent of \$150 in two weeks.

Outstanding organization and work of this year's campaign, led by Drive Chairman Betty Munson, has received support from Ruth H. Atwell, Director of the Women's Physical Education Department. Through her position, Miss Atwell has realized the necessity for the proposed building and has inspired the committee representatives to plan and carry out one of the most successful drives of the year.

Total collections from campus and alumnae organizations, as well as from individuals, have not been checked as yet, but results of the drive will be released soon, Drive Chairman Betty Munson stated.

Religious Council To Hold Meetings

ANNOUNCEMENT was made by Mona Jeanne Keesling, acting president of the Religious Council, of a new plan for coordinating religious activities among the eight active campus groups.

The plan involves the holding of open meetings by each group. These open meetings will be typical examples of the regular sessions held by each club and are designed to show organizations just what the others' meetings and principles are.

The schedule announced last week is as follows: Christian Science Organization, today, Columbian House at 5:15 p.m.; Luther Club on April 23; Westminster Foundation on April 30; the Baptist Student Union on May 6, and the Wesley Club on May 13.

"Students of all denominations are urged to attend these meetings," Miss Keesling stated. "It will be a good experience for each student to understand something of what the other groups believe. It is a further step, on the part of the Council, to promote cooperation between the various denominations."

Senior Dues Due

BANQUET FOR the senior class will be held at 6 p.m., May 22, at the Statler Hotel, President Bill Long announced last week. Tickets are \$3.50 per person and class dues are \$1.50, both payable to Liz Wells in the Comptroller's Office by April 10.

The next meeting of the senior class will be held on Wednesday, April 17, 12:30 p.m., in Government 1.

Laboratory Developed Snakes, Flame Throwers, Bazookas



BAZOOKA—Betty Weethee and Dr. Van Evera inspecting the first bazooka during the newspaper field day last November.

Report Shows New Weapons For First Time

Other Inventions Include Launchers, Chemical Mortars

BY BETTY WEETHEE
Hatchet Feature Writer

JOINT BOARD on Scientific Information has released information regarding the Allegany Ballistics Laboratory demonstration held November 8, 1945. Dr. Benjamin D. Van Evera, Official Investigator for Contract OEMsr-273 for the University, announced last week.

Operations at Allegany Ballistics Laboratory began in January, 1944, shortly after the equipment and about 75 employees were transferred from the University offices and the earlier laboratory at Indian Head. The Indian Head Laboratory was the first official rocket research laboratory in the country and was operated as a joint NDRC-Navy project.

Contract Begins

The University's Contract OEMsr-273 to provide personnel and technical services for the laboratory began on December 1, 1941, six days before Pearl Harbor, when final plans were made by Dr. Cloyd Heck Marvin, President of the University, and by Dr. Irvin Stewart, Executive Secretary of the Office of Scientific Research and Development.

The laboratory took over the grounds of the former Allegany Ordnance Plant, Pinto site, which had been used for the loading and assembly of .50 caliber ammunition. This plant was built in the summer of 1942 and was in production for the Army Ordnance Department until September, 1943. On December 28, 1943, the U. S. Army Engineers issued to the Office of Scientific Research and Development a permit to use the plant as a Rocket Development Laboratory.

Ground occupied by the laboratory covers 438 acres along the north branch of the Potomac River, ten miles southwest of Cumberland, Md. The area is bounded by the river on the north and by 700-foot hills on the south, west, and east. A fenced-in area, which includes all of the office and operating buildings, covers 110 acres. There are about 70 buildings of various sizes and adequate office facilities housed in five buildings have been provided.

Weapons Developed

Weapons developed by the laboratory are as follows:

Jet Accelerated Armor Piercing Bomb: The first rocket development undertaken in this country was that of a rocket to accelerate the Navy 14-inch 1500-lb. armor-piercing bomb. The increased velocity obtained from the jet would enable the bomb to penetrate the deck armor of capital ships, even at the low bombing altitudes necessary for accurate placement of the bombs. The project was initiated by NDRC in 1940 and was originally pursued in cooperation with the Navy at Dahlgren. In 1941 the work was transferred to the Indian Head Laboratory, where it was successfully completed in 1943.

The final model was designed for the 12-inch 1000-lb. AP bomb at Navy request. The rocket motor carried a charge of about 40 pounds of stick powder and weighed about 200 pounds. It provided an increase in velocity of 200 ft./sec. in (See WEAPONS, Page 5)

Dr. Dreese, Rives Clarify 'GI Bill' Textbook Situation

INFORMATION WAS RECEIVED by Dr. Mitchell Dreese, Director of Veterans Education, from Mr. Thomas M. Rives, Chief of Vocational Rehabilitation and Educational Division of the Veterans Administration, this week relative to veterans keeping the text books which they receive under the "G. I. Bill."

'Confidential' Discusses FTC Advertising Check

"LOOK TEN to fifteen years younger, the way the stars do. Why worry because you have wrinkles, lines, baggy eyes, double chin, sagging muscles or other age signs. Be amazed! Send \$1.00."

Such examples of misleading impressions in advertising are prevalent throughout the country, reported Robert E. Freer, commissioner of the Federal Trade Commission, in the recently released **Confidential—From Washington**. It is the job of this agency to see that unfair methods of competition or deceptive acts are prevented.

"The most potent effect of the spoken—as well as the written—word is an over-all impression," said Mr. Freer. This is obvious, for misleading impressions are often implied, though not stated. A sentence, though true, may be framed in such a setting as to mislead or deceive the general public.

Mr. Freer mentioned the fact that most daily newspapers and better magazines scrutinize their own advertising meticulously. They try to avoid any suspicious-looking advertising for they realize that they may be called down by the Better Business Bureau or possibly have legal proceedings brought against them.

This voluntary effort is not as noticeable in respect to radio advertising. Concerning this field of advertisement, during the year ending June 30, 1944, 627,719 broadcast scripts were examined. Of these, 19,512 scripts were marked for further study as containing representations which might be false or misleading. On the whole, however, there has been a great rise in the number of institutions relying on self-imposed standards instead of on just what they could get by with, concluded Mr. Freer.

A student who interrupts his training prior to the completion of a course will be permitted to retain all books he has received, unless it is determined that his failure to finish his work was due to his own fault, and in making such determination the trainee will be given the benefit of every reasonable doubt.

In this connection, Paragraph 5 d-1, Instruction 6, of Public Law 346, 78th Congress, is quoted for the information of all veterans: "The veteran will be deemed to be at fault if his training is discontinued: (a) when he withdraws from the institution, (b) when he abandons his training without prior or concurrent notice to the Veterans Administration, (c) when his course is discontinued following consistently unsatisfactory reports of conduct or progress, or (d) when the failure to complete the course is due to his negligence or misconduct."

Club Sponsors Public Sessions

FIRST "APPEAL," sponsored by the Case Club under the guidance of the Student Bar Association was presented Tuesday evening, April 2, in Room 11 of the Law School, to students of the University and the general public.

This "hearing" was the first in a series to be conducted by legal students of the Case Club under the chairmanship of Mr. James Hynes. The Case Club was revived this year after having been inactive for a long period. Its organization is similar to that of Case Clubs in such leading law schools as Harvard and the University of Michigan.

Its purpose, as stated in its constitution, is to give legal students an opportunity to practice briefing and presenting cases before courts of appeal. Chairman Hynes explains that this accomplishes two purposes. First, it familiarizes the student with federal court procedure, and second, it acquaints him with the importance of decisions on appeals.

The University Hatchet



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Letters to the Editor will be accepted from all students registered at the University, alumni, faculty, administration officials and former students now on war leave. All letters must bear the name and address of the writer, and would not be interpreted to represent the opinions or policy of The Hatchet.

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Pick A Leader

• THAT ANNUAL QUESTION ABOUT picking student leaders for next year is upon us. Yesterday, today, and tomorrow students will go to the polls to express their preference for the officers of the Student Council.

As we mentioned last week, steps were being taken by some groups to line up a slate of candidates backing a definite platform. Although it may be good to have a platform to which the Council can later be held to account, the idea of candidates seeking bloc votes on the "log-rolling" scheme is to be avoided. "Log-rolling," as you may or may not remember from your American History or Government courses, is the process of "you back my bill (candidate) and I'll back yours." In this case the fraternities (men's and women's) were approaching other groups with the proposition of each voting en masse for the other's hopefuls.

Should any sorority or fraternity take it upon itself to oblige its members to vote a certain, specified ticket, all is practically lost for the "good ol' American System." Nothing savors more of Fascist plebiscites where the people were expected to vote "aye" or not vote, than a decision by a small group of people on just which candidates are to be preferred above all others.

Supposedly a University trains students in the process of thinking. How to arrive at your own conclusions and not rely upon someone else to make decisions for you is the essence of this training.

Why then begin your adult life as a sheep being led to slaughter, for that is well what it might amount to. Your entire extra-curricular program will be built around just how active the Council may be. Inept or indifferent members will not make for an active year.

It is then the duty (and also privilege) for each and every student of the University to cast his ballot, not as someone else dictates, but as he sees fit on the basis of the facts available. Qualifications, including past experience, should be the only basis for a decision.

Another point to be discussed is the number of ballots cast. Last year a record election was held with over 1,200 people voting for President. This was the highest number of votes cast in many, many years. Even so, 1,200 out of a semester registration of approximately 4,000 is not a very good showing. It has been this fact (the limited people interested in activities) that has done so much in the past to make the same people leaders in all campus activities.

This year the new point system seems to have been taken into consideration by the student body. There are going to be different people on the Council and running The Cherry Tree, WAA, The Hatchet, Panhellenic Council, Cue 'n' Curtain, and other leading groups.

There is little more that can be said until the elections are over except get in there and vote!



Scholarships Available

• MANY TIMES DURING the past few weeks, Dean W. Reed West, chairman of the committee on scholarships, has mentioned the fact that University men (in particular) are letting excellent opportunities for obtaining scholarships go to waste by not applying for them.

This has been a chronic condition during many of the past years, but in general the explanation was that there were few men enrolled during the war who would qualify.

Now conditions have changed. Many men at the University are eligible for scholarships and should apply at the Dean's office in Building C immediately if they are interested.

Letter Not to the Editor

• FOLLOWING IS A LETTER, not to the Editors, but to Professor Lowell Ragatz of the History Department. It is from an alumnus of the University now on the staff of the University of the Philippines. We thought that it might be of interest so we are reprinting it.

"Our library is a total loss and so are the other big libraries where I used to avail of reader's guide and other bibliographical guides for my studies (sic). I have also lost a great deal of my books and collections so that I am very much handicapped in my work. I am, therefore, requesting you and through you other professors of your department to please send me the necessary bibliographical guide as well as publications which you can spare to help me in my studies. I shall also greatly appreciate it if papers and documents pertaining to the present UNO and the old League of Nations as well as the International Council publications can be sent to me together with available catalogues of their publications. And if my name could be placed on the mailing list of those offices handling these publications, such favor will be greatly appreciated.

"I am teaching two courses in European history, namely, Diplomatic History of Europe between 1815 and 1870, and Diplomatic History of Europe from 1870 to the present. I am scheduled to teach them next academic year which begins July, 1946, but all my notes as well as all my references were lost during the Japanese occupation. Please select for me a list of bibliographical guides, and, if possible, make arrangements with the publishers to send me indispensable guides and readings together with their bill for which I shall be very glad to make the necessary remittance by return mail.

"I realize that the above order is a big one, but I am sure you will not hesitate to help an alumnus who is trying his best to maintain the good name and prestige of his Alma Mater. It is my plan to go back to the United States within the next two years, and I hope that by that time, I shall have the pleasure of seeing you and the other members of the history faculty.

"With my best wishes and regards to you and to every one, I am

Very sincerely yours,

PATERNO SANTOS,

Registrar and Associate Professor of History."

(Ed Note: Anyone having contributions for Registrar Santos may submit them, properly marked, to the Philippine Government, 1617 Mass. Avenue, N. W.)



By Herb Halberstadt

• IF THE AUTHOR of last week's fan mail, B. B., will get in touch with me at The Hatchet office, I will be very glad to discuss the subject of his letter more thoroughly in a future column. This week we bring you the first half of an article by Guest Columnist Ray Glasscock, Features Editor of The Hatchet.

With the close of this school year, I will have been at the University for two years—two years that have meant much in the way of getting to know the school. One of the most astounding aspects of this time has been the incessant, eternal complaint heard throughout the University, at whatever organization, social function, or bridge game one may be attending—the lethargy, the shiftlessness, the lamentable disinterest of the student body of the University. The problem has been aired in The Hatchet time and again; it has been the constant difficulty of the Student Council; it has been the stumbling block of almost every organization at the University. And yet nothing has been done to remedy the situation. Why?

First of all, we should ask ourselves if the fault lies in that the student body lacks what it takes to make the school a University, rather than just a place to attend classes. The answer should be obvious. Few of us realize that there are 7,500 people who are registered in the University. Of this number there are less than 500 who might call themselves college students without tongue-in-cheek. Whenever anyone takes it upon himself to remind the parasites who are taking advantage of the opportunities here, but are giving nothing in return, the answer, invariably, is "Bushwah!"

Criticism of the administration, the Student Council, and the publications is widespread by those up-and-coming pseudo-sophisticates whose knowledge of the functions of those organizations is almost nil. "Why doesn't the Student Council DO something?" they ask. The only answer is to refer them to the record of what has been achieved by the Student Council in just this one year. First off, when the administration refused to back the school yearbook, the Council took it upon itself to underwrite the publication. Result: the several hundred students who will receive their degrees this May will have a yearbook to keep forevermore as a record of their four years (at least) spent at the University.

(To Be Continued Next Week)

Inside Track On . . .

Dolores Lancaster

• "WHERE DID I GET my name? Well, believe it or not, I was named for the heroine of a novel, Dolores Alimore."

Known for her winning smile and ability to make friends, Dolores Lancaster is a typical University co-ed. But Dolores is a rarity; she is a native Washingtonian.

Since her graduation from Wilson High School and her entrance here at the University, Dolores has been very active on campus. This year alone, she is president of her sorority, Kappa Delta; president of the Inter-sorority Athletic Board; Seniors' Editor of The Cherry Tree; a member of Big Sisters, Delphi, International Students Society, and Pi Delta Epsilon, honorary journalism fraternity. In previous years, Dolores has been vice president and editor of Kappa Delta; she has also served as secretary and treasurer of the Inter-sorority Athletic Board. She has been a member of the Home Economics and Psychology Clubs, and last year she was a member of the organization staff of The Cherry Tree.

Although Dolores is majoring in Political Science in Columbian College, she is very interested in speech and radio work. She hopes to get a job this summer in the radio field.

Academic studies and campus organizations do not claim all of Dolores' time. She is an avid tennis player. She likes to dance, play the piano and enjoys music. Tall blonde men are one of her major interests.

Dolores graduates in June and is making many plans for a busy summer. She expects to work, but also wants to fulfill a life-long ambition. She is going to learn to fly.



Club Elects Bill Gemmill

● PENDING RECOGNITION by Inter-fraternity Council. Wandering Greeks, new social organization on campus composed of fraternity men not affiliated or represented at the University, recently met to elect officers.

Bill Gemmill, Delta Kappa Epsilon from Chicago University, is the club's president. Lud Richards, Alpha Pi Lambda from Drexel and co-ordinator with Mr. Gemmill of the club, is vice president.

Elected secretary of the club was Dave Murchison, Alpha Tau Omega from the University of North Carolina, while George Fielder, Phi Gamma Delta, University of Arizona, was elected treasurer. Joe Blanton, Phi Delta Theta, will serve as sergeant-at-arms.

All of the officers are veterans and newcomers to the University.

Wandering Greeks is a club composed of fraternity men from many colleges, now studying at the University, without a local chapter at their disposal.

President Gemmill has announced that the Wandering Greeks intend to take part collectively in all major activities.

Orchesis Presents Concert in Lisner

● ANNOUNCEMENT was made today of the program to be presented by Orchesis and the Junior Dance Groups at their dance concert, Friday, April 12, at 8:30 p.m., in Lisner Auditorium.

The program will open with "Comments on Everyday Life," a suite of five dances, including "Three to Make Ready," "Bobby Soxers," "Waiting for a Bus," "One to a Customer" and "Celebration." The dances for R.U.R., "Factory Scene," "Counting House Scene" and "Revolt of the Robots," composed for the Cue 'n' Curtain production will again be presented.

"Woman with a Broom," inspired by Ann O'Hare McCormick's report of the same title, will be given for the first time. Other dances on the program are "Pastourelle," "Polka," "Square Dance Tonight," "Theme and Variations" and "Witchcraft." Miss Elizabeth Burtner is director of the dance groups.

Accompanist for the performance will be Everett Stevens, composer and pianist. Mr. Stevens has composed music for several of the dances, including "Witchcraft," the R.U.R. suite, "Waiting for a Bus," "One to a Customer," "Celebration" and others.

Performers are members of Orchesis I, II, Junior Dance Group and a men's group. Joe Schenk, ballad singer and caller, will appear in "Square Dance Tonight."

Weapons

(Continued from Page 3)

a time of 0.2 sec. It was actuated by a mechanical fuse which functioned after a predetermined distance of travel after release.

Anti-Tank Rocket Grenades: The 2.36-inch rocket grenade—the "bazooka"—was developed in 1942 jointly by NDRC and the Ordnance Department to meet the urgent need for an infantry weapon for destroying enemy tanks. The Ordnance Department had at that time an effective armor-piercing head but no simple way of projecting it. The resulting weapon was put in service during the North African campaign and has been used as a standard infantry weapon in all theaters of operation. In addition to its use against tanks, it has been employed extensively against personnel at 500 to 800 yards range loaded with explosives or white phosphorous. Since the first model was put in service, the weapon has been continuously improved.

Ordnance Department has greatly strengthened the original rocket motor and has also modified the original bazooka launcher to provide greater safety and portability. Division 8 of NDRC, working at the Allegany Ballistics Laboratory, has developed a much improved powder charge called "Blastless Bazooka Powder" (BBP) which has eliminated burning beyond the launcher in cold weather and has made the round safe and reliable over the entire service temperature range. This improved charge was put into production in May 1945.

A requirement from the Ground Forces for a bazooka-type rocket with greater payload and higher velocity than the service round resulted. (See WEAPONS, Page 3)

Slide Rule Slants

By CLAIRE JENNINGS

● MEETING THE Engineers is one problem and getting to know them is another. In an effort to get to know these students better, this column from time to time is going to present profiles of engineers.

This week's victim was born Theodore Warren Nelson, but his closer friends call him Ted. A native Washingtonian, Ted started at a tender young age to disassemble radios and to tear apart electrical equipment in general. Upon graduating from Central High School, Ted decided to follow in the footsteps of his older sister, and attend the University. Here he pursues his ambitious desire to learn the why and wherefore of electrical engineering.

A Junior now, he hopes for his degree in Electrical Engineering in the spring of 1947. In order to gather up enough credits for this Ted will be enrolling in the summer school; that is, if the courses he needs are offered then.

Night labs used to be Ted's pet peeve, but now he says they rather appeal to him. His reason is a rather strange one. "When I had afternoon labs, I always went out at night and didn't get much studying done. Now that I have night labs, I find myself studying in the afternoon."

After graduation, Ted would like to get a job with Westinghouse or General Electric. At first, he preferred to be a communications officer, but he feels the field is quite crowded now and so isn't just sure yet what he may turn to after graduation.

In drawing the profile to a close, I feel it is appropriate to make some mention of Ted's interest in the fairer sex. Noticing a very revealing Petty girl calendar adorning the wall of Ted's lab, question was made as to his feminine interest. With half a blush, and half a smile, Ted quickly replied, "It's perfectly legal. My girl gave it to me for Christmas."

Suggestions for profiles will be gladly accepted for future use in Slide Rule Slants. So come on you engineers, look around you and turn in to The Hatchet names of students with "interesting" lives.

Van Vleck Speaks At Law Lecture Monday in Lisner

● LAST IN A SERIES of seven law lectures will be given Monday, April 8, by Dean William C. Van Vleck, who will speak on significant developments in the field of "Conflict of Laws."

He will place special emphasis on recent supreme court decisions regarding the weight which states must give divorce decrees granted in other jurisdictions. Other developments during the war years will also be discussed.

The series began on March 25 with the lecture on Administrative Law; other lectures in the series were on Contracts, Constitutional Law, International Law, Labor Law and Trade Regulation.

Other speakers in the series were James O. Murdock, Donald R. Richberg, S. Chesterfield Oppenheim, James F. Davison, and Charles S. Collier.

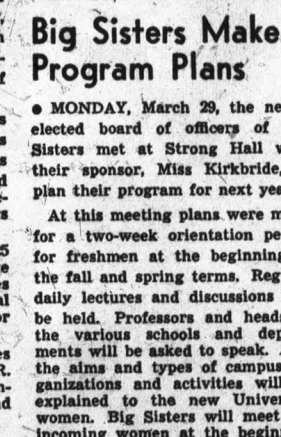
PanHel To Hold Sixth Open House

● SIXTH PANHELLENIC open house will be held tonight from 7:00 to 9:00 p.m. in Columbian House in order to give night students the opportunity of meeting their professors. Members of the Zoology, Chemistry, Mathematics and Psychology departments will be the special guests.

Social Chairman Eugenie Lee expressed the hope that all night students that could possibly attend do so to get acquainted with their professors and fellow students.

All members of the faculty are invited. Hostesses for the open house will be the members of Kappa Delta sorority.

Which One Is "The Girl?"



Photos of Haveth, Mayfield, Garmany, Kuhn and Weethe, by Holbrook. Reiss photo by Kann's. Nance photo by Brescut. Pittenger photo by Underwood & Underwood. Dent photo by Buckingham Studio.

Big Sisters Make Program Plans

● MONDAY, March 29, the newly elected board of officers of Big Sisters met at Strong Hall with their sponsor, Miss Kirkbride, to plan their program for next year.

At this meeting plans were made for a two-week orientation period for freshmen at the beginning of the fall and spring terms. Regular daily lectures and discussions will be held. Professors and heads of the various schools and departments will be asked to speak. Also the aims and types of campus organizations and activities will be explained to the new University women. Big Sisters will meet the incoming women at the beginning of registration and take them all the way through. Big Sisters will also give the women pointers on how to study and how to apportion their time for activities.

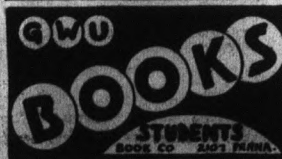
The over-all orientation program of Big Sisters will begin by having them correspond throughout the summer with the incoming freshmen. In order to have enough Big Sisters to help the freshmen, all interested women are asked to contact Dorothy Baines, president, at Strong Hall.

Dance Club Meets

● BEGINNING Wednesday, April 10, the Social Dance Club of the University will hold the first of a weekly series of "Noon Hour Dances," from 1 to 2 p.m. in Building J. All University men and Veterans are cordially invited to attend. Miss Burtner, sponsor of the club, announced. Admission is free.

Dorm Holds Dance

● DORM DANCE held last Friday night on the roof of Strong Hall was well attended and very successful, according to Miss Virginia Kirkbride, Director of Personnel Guidance. This dance, unlike the one held last semester, was attended by more men than women, she said.



ABL Shows Wartime Rocket Develop

By Betty Weethee, Hatchet Feature Writer

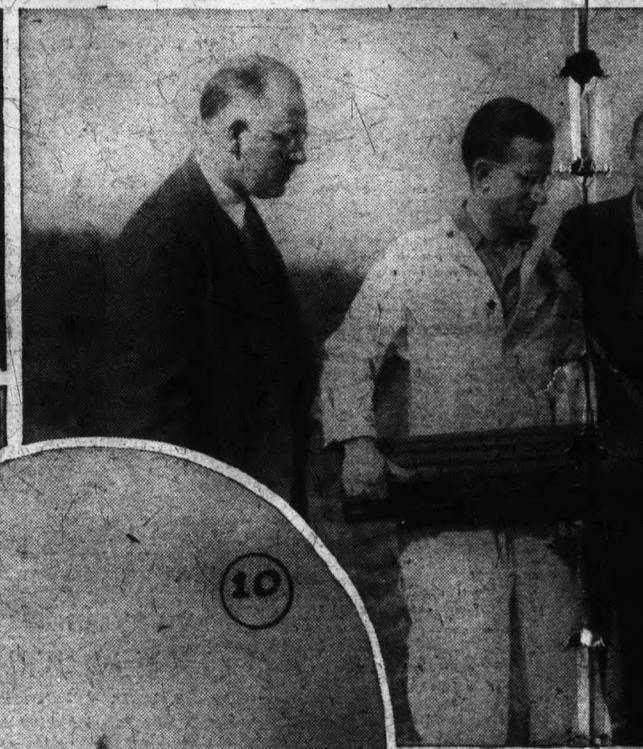
Control of Atom Age Necessary

Scientists Give Hatchet Reporter Atom Statement

• THOSE MEN familiar with the potentialities of the military rocket and suddenly conscious of its fearful destructive possibilities when coupled with atomic energy, are vitally affected by the present discussion concerning international control of atomic energy.

Daniel Dembrow, representing a group of scientists working at GWU/ABL, all of whom are graduates of the University, made the following statement to Miss Betty Weethee at the press field day last November:

"Normally, scientists are far removed from the fields of politics and legislation. Hidden in the hills of West Virginia away from the everyday contacts with men and (See STATEMENT, Page 8)



Developments On Newspaper Field Day

Photos Exclusive to The Hatchet by Allan N. Rubenstein

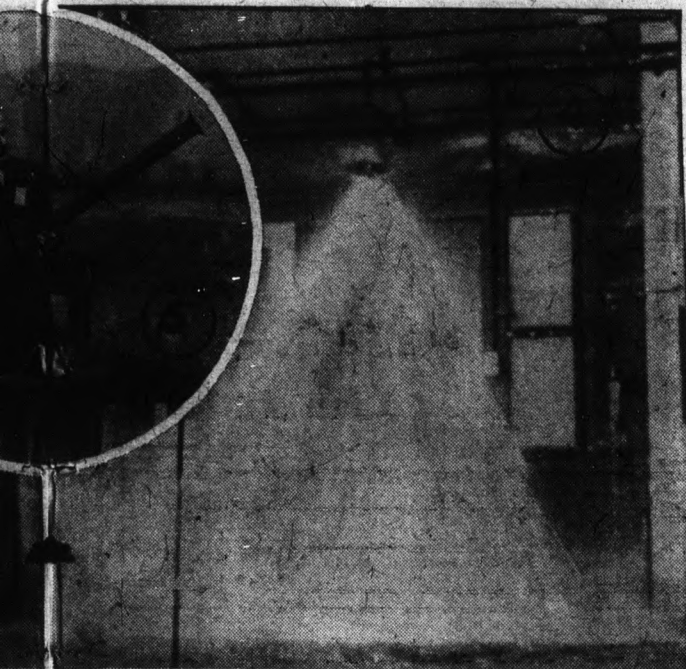
Alumni Work on Weapons

Representatives Labor in Many Fields of Research

• DURING THE operations on highly secret rocket development, at the Allegany Ballistics Laboratory many University graduates and representatives played important parts in the development of the one weapon which symbolizes the swift destruction of World War II.

Heading the list of University representatives is Dr. Benjamin D. Van Evera, Executive Officer of the Chemistry Department, who acted as Official Investigator for Contract ~~_____~~-213. A separate article has been written on his responsibilities and successful execution of duties.

Following is a list of University (See SCIENTISTS, Page 8)



Camera Records Historic Events

• CLIMAX TO the conducted tour was the burning of 500 pounds of powder on the open firing range (1). A few seconds later the scene looked like the atomic bomb over Hiroshima (2). One of the important safety devices at ABL was the "Douser" or powder room fire extinguisher which is shown in operation in (4) as it rapidly kills the powder blaze in (3). Dr. Van Evera, Andrew Stefek, Dr. Gibson and Dr. Avery inspect (6) the one-shot flame thrower which Mr. Stefek is shown operating in (7) and (8). Interior of pillbox target is shown in picture (9). The blast evident in (10) is not from the muzzle but from the open breach of the 4.2 recoilless chemical mortar which is being fired in (15) in a pendulum mount. Mine clearing devices, such as the "Snake" (11) were highly critical during the war. Jato on testing block is examined by Betty Weethee and Dr. Gibson (12). Note the blistered paint. The greatest achievement of ABL was the development of the fabulous Bazooka which is being examined by Dr. Van Evera in (5) and being fired by an unidentified employee and Don Brasted in (13). The 4.5 inch spin stabilizer rocket launcher is shown in (14).



University Chemist Supervises Army Research On Rocket Weapons At Allegany Laboratory

'Champion Peeler' Administers Group At Cumberland

BY BETTY WETTER
Hatchet Feature Writer

• NO ONE WOULD guess by looking at distinguished Dr. Benjamin Douglass Van Evera, Executive Officer of the Chemistry Department, that he once held the title of "Champion Potato Peeler."

This "handle" was bestowed upon him while attending Coe College, Cedar Rapids, Iowa. A chemistry major there, Dr. Van Evera found time to participate in freshman football, the Chemistry Club, and to debate with the well-known William L. Shirer.

After obtaining his B. S. at Coe in 1923, Dr. "Van" attended Iowa State College, obtaining his Masters in August, 1925. He was married in September of that year, and came to the University as a chemistry instructor in October of that year.

On official war leave, Dr. Van Evera represented the University as official investigator under Contract OEMrs-273 at the Allegany Ballistics Laboratories, Cumberland, Md.

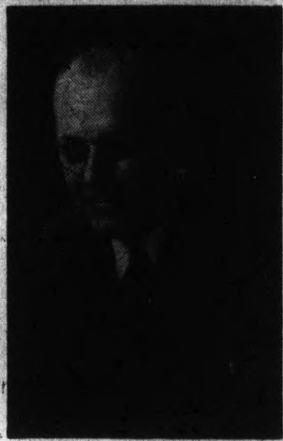


Photo by Holbrook
BENJAMIN D. VAN EVERA

His job there consisted of setting up ABL for the development of rockets, the testing of them, and the training of personnel in the ways of "rocketry." This position was further complicated by the necessity of employing 700 people,

'Sleepy Ache-rs' Is Last Corner Of Garden of Eden

establishing a cafeteria, organizing a guard force, a fire department, a transportation department, a publishing house, and a dozen other things that "a college professor has no business knowing anything about," according to Dr. Van.

Dr. Van stated that jet propulsion has a great future. Rocket weapons development, according to him, is extremely limited because we hope that we won't need them.

Pet peeves with Dr. Van are few; there are two, though, about which he is very emphatic. One is students who think the University is a country club instead of a place to prepare for life. He believes that one can have a lot of fun getting ready for a career, which is the reason for being here.

His other peeve is bullying with big words to cover up ignorance. Sleepy Ache-rs, his 18-acre woodland in Virginia, is, according to Dr. Van, the last remaining corner of the Garden of Eden. His favorite pastimes are motoring and fishing.



Photo by Holbrook

Alpha Kappa Psi Fraternity; President, Junior Class; Canterbury Club; Society for the Advancement of Management, Vice President, '44-'45; Phi Sigma Kappa Fraternity — Rush Chairman, Vice President of '43 Pledge Class, Sentinel, Social Chairman, Inductor, Pledge Trainer, Treasurer, Secretary, Vice President; Glee Club; Symphony Club; Intramural Athletics; Interfraternity Council — Treasurer, '46; Hatchet Staff.



Photo by Holbrook

Sigma Chi Fraternity—President of '43 Pledge Class, Interfraternity Delegate, '43, '44, '55, Rush Chairman, '44, Secretary, '44, Activities Chairman, '45; Hatchet Junior Staff, '43-'44; Circulation Manager, '44, Senior Staff, '44-'45; Cue 'n' Curtain—Co-director of Publicity, '44-'45, Director of Summer Activities, '44-'45, cast of several plays; Interfraternity Council—Secretary, '44, Treasurer, '44-'45, President, '45; Student Council—Director of Assemblies, '44-'45, Associate Editor of Freshman Activities Guide, '44-'45, Editor of Freshman Activities Guide, '45-'46; Fencing Club, '43-'44; Pi Epsilon Delta—President, '45-'46; Orchestras, '44-'45 Intramural Athletics, '44-'45; Track Team Manager; Summer School Record, '44-'45—Editor, '45-'46; Delta Phi Epsilon—Secretary '45, Committees, '45, Pledge Counselor, '45-'46, President, '45; Student Life Committee, '45-'46; Who's Who Among Students in American Universities and Colleges, '45-'46; Activities Council, '45; Omicron Delta Kappa, '45; Pi Delta Epsilon, '45.

Weapons

(Continued from Page 5)

sulted in the development of the "super-bazooka" by the NDRC.

Rocket Mine Clearing Devices: One of the major problems of the Ground Forces in the whole war was the clearing of enemy mine fields for the passage of infantry and tanks. Considerable effort was expended in developing explosive charges for detonating land mines because this offered a quicker and less costly way of mine clearing than others available. Utilization of this method requires a means for laying a line of explosive charges over the mine field ahead of the advancing troops. The application of rockets to towing explosive charges has resulted in the perfection of a number of effective mine clearing devices during this war.

First of these developments to be initiated and adopted for service use was the anti-personnel mine clearing snake, M1. The "snake" consists of a series of magnesium strips approximately five inches wide bolted end-to-end for a length of 100 feet. Between these strips are clamped two 100-foot-strings of explosive cartridges. At the front the strips are bolted to a steel skid, shaped like the front of a ski, which enables the snake to skim over inequalities in the terrain.

At the base of the skid is mounted the rocket motor, which propels the device. In use, the snake is brought to the edge of a mine field and the rocket ignited by means of a delay train. The thrust of the rocket propels the entire assembly directly forward along the ground onto the mine field. At the end of a predetermined length of travel the explosive is detonated by means of a cable attached to the rear of the charge. The explosion clears a path 20 to 30 feet wide and 100 feet long through anti-personnel mines.

Jet Assisted Take Off (JATO): Since the power required for take-off of an airplane is appreciably greater than that required for steady flight, greater loads can be transported if means are provided for increasing an airplane's power during takeoff. This may be readily accomplished by attaching to the plane jet propulsion (JATO) units which operate only during the fraction of a minute required for the plane to clear the ground.

JATO units have been used widely in World War II, particularly by the Navy in the Pacific theater. The ABL/JATO unit provides a thrust of slightly over 1,000 pounds for a period of nine seconds. Four such units will approximately double the possible load which can be carried by a medium bomber. This unit weighs 120 pounds and burns 55 pounds of propellant. The exhaust is somewhat smoky but entirely free of flame and particle blast.

Recoilless Guns: Recoilless guns were first introduced by the Germans toward the close of the North African campaign. The recoilless gun is a cross between a gun and a rocket in that the jet principle is applied to counteract the recoil of the gun rather than to propel the shell. In essence, this weapon is simply a gun with a large powder chamber and an open breech. When fired the gun has no tendency to recoil and so can use an exceedingly light mount.

In the Italian and Pacific theaters the 4.2-inch Chemical Mortar was found to be a very effective weapon because of its mobility and its high capacity shell; but its usefulness was limited by the fact that, like all mortars, it could only be fired at angles above 45 degrees and it required a heavy base plate. This prevented its use for direct fire against point targets such as bunkers and machine gun nests.

The 4.2-inch Recoilless Chemical Mortar was designed to make possible use of the high capacity 4.2-inch shell in a direct fire weapon without sacrificing mobility of the mortar. As a matter of fact, the recoilless mortar is considerably more mobile even than the conventional mortar. It uses the standard .30-caliber machine gun tripod as its mount. It disassembles rapidly into three 60-pound components, each of which may be carried by one man.

Flame Throwers: Research on the burning characteristics of smokeless powder required for the intelligent design of rockets led to a new understanding of the capabilities of double base powders. By virtue of its intensive research on this problem, the laboratory was asked to work on a number of problems which are rather far removed from rockets but require the controlled burning of solid propellants.

In 1944, the Chemical Warfare Service requested NDRC to develop a powder pressurization unit for a one-shot portable flame thrower. Subsequent work at the laboratory resulted in a re-designed model which has been adopted by CWS for field use to supplement the standard portable flame thrower. The gas is generated by a single stick of powder, contained in a cartridge connected to a firing mechanism, which attaches to the rear of a tank filled with treated gasoline. The other end of the tank is fitted with a nozzle diaphragm seal and a pull-match igniter. When the operator actuates the firing mechanism, the gases produced by the burning powder build up pressure in the tank until the nozzle diaphragm ruptures. This automatically ignites the gasoline stream. Pressure is generated by the burning powder in just the right amount to maintain a steady flow of flaming gasoline until the tank is emptied.

Statement

(Continued from Centerfold)

sedulously devoted to the special duties of the laboratory, we have not until now realized the responsibilities that our scientific developments have thrust upon us. Recognizing how insufficient information to the public could easily influence our executive and legislative governmental bodies to engage in policies distinctly detrimental to the establishment of world peace, we are anxious to raise our voices strongly and loudly.

"We feel that an attempt to retain information on atomic energy as a long-term national secret is an impossibility. We believe that an international commission for the control of atomic energy should be established as soon as possible and further that a militant world security organization should be presented with complete atomic bomb stock piles so that it could function efficiently as a world police force. Only through these means will we have the opportunity of attaining the ultimate world peace!"

Scientists

(Continued from Centerfold)

graduates who participated in this work:

Daniel Dembrow, from Silver Spring, Md., graduated in the class of '42 with a B. S. in chemistry. He has been working for GWU/ABL since 1943 as a Research Assistant. While working at ABL he was responsible for the transition from experimental loading of military rockets, both air and ground, to production techniques. Although his work at ABL will end soon, due to the dissolution of the project, he wants to continue in the field of rocket development or enter the field of medicine.

Don M. Brasted, of Alexandria, Va., graduated in the class of '42 with a B. S. in chemistry. While at the University, Don participated in the Glee Club and as M. A. in Alpha Chi Sigma fraternity. Since ABL opened, Don has been Assistant Supervisor in charge of exterior ballistics. He has been mainly interested in the development of spinner-type rockets. Among other duties, he was responsible for organizing ballistic data of projectiles while in flight.

Eddie de Butts, of Alexandria, Va., graduated in the class of '43 with a B. S. in chemistry. While at the University, he was member of Alpha Chi Sigma fraternity and has been working at ABL since graduating in 1943. Concerned mainly with interior ballistics, he took an important part in the development of electronic temperature recording devices. As a result of many hours of tedious work spent preparing thermocouples used in measuring temperature, Ed known at ABL as the "Thermocouple Kid."

William E. Schmidt, from Washington, D. C., graduated in the class of '43 with a B. S. in chemistry. While at the University, he was a member of Alpha Chi Sigma fraternity.

Immediately following graduation, Bill went to work at ABL. His work was centered on the burning rates of experimental propellant powders. He left ABL in the summer of 1944 to study medicine at the University medical school.

Frank N. Miller, from Washington, D. C., graduated in the class of '43 with a B. S. in chemistry. He was a member of Sigma Alpha Epsilon fraternity.

While working at ABL, Frank was concerned mainly with crush-er-type pressure gauges. On the side, he worked on scale model rockets. In the summer of 1944, he left ABL to attend the University medical school. His wife, the former Carol Parkinson, KKG, is the daughter of Professor Parkinson of the University Staff.

James F. Kinkaid, from Syracuse, N. Y., graduated with the class of '44. While at the University, he was president of Sigma Phi Epsilon, treasurer and member of the (See SCIENTISTS, Page 11)

I promise to work for:

1. A conscientious study of the needs of the University coupled with determined efforts to fulfill these needs.
2. A strong program for the return or installation of all possible sports to the University in 1946-47.
3. Attempts to get a two-day study period between the last day of classes for the semester and the first day of exams.
4. Cooperation between class officers and the Student Council with the goal of forming strong and closely knit classes.
5. Support of all charity drives.
6. To work for an improved student recreation center with increased facilities.
7. A wholesale bookstore sponsored by the University to sell books without profit or at a minimum profit to cover costs.
8. The adoption of an honor system.
9. Formation of an Activities Council to render assistance to organizations.

Freshman Director

Dorothy Simmons

Kippie Wallace



Photo by Holbrook

Wesley Club—Social Chairman; Glee Club; Cheerleading Squad—Captain; Sigma Kappa Sorority—Social Chairman of Pledge Class, Social Chairman, Vice Pres.



Panhellenic Council; Hatchet—Junior Staff; Alpha Delta Pi Sorority—Guard; Big Sisters; Women's Athletic Association; Glee Club; Sports Teams.

For Student Council Candidates

Publicity Director

Berry Barnes



Photo by Holbrook
Sigma Chi Fraternity—Vice President, Pledge Trainer, Rush Chairman; Cue 'n' Curtain; Varsity Basketball—Manager; Hatchet; Baptist Student Union; Handbok; Assistant Director of Assemblies, '45.

45-46; Men's Rifle Club, '43-44; Symphony Club, '42-43, Society for the Advancement of Management, '43-44, '44-45, '45-46; Who's Who Among Students in American Universities and Colleges, '45-46.

Secretary

Vivian Burke



Photo by Holbrook
Glee Club, '43-44, '44-45, '45-46; Hillel Counselorship—President, '45-46, All-University Sing. Director, '43-44, '44-45; Hatchet—Junior Staff, '44-45; Big Sisters, '43-44, '44-45; Vice President, '45-46; Phi Sigma Sigma Sorority—All-University Sing Director, '44-45, '45-46; Women's Athletic Association, '43-44; Chapel Pianist and Music Director '45-46.

Janet Doidge



Photo by Holbrook
Chi Omega Sorority—Activities Director; Cue 'n' Curtain—Co-publicity Director; Intersorority Athletic Board; Women's Athletic Association—Corresponding Secretary, Freshman Representative '45; Sports Teams.

Isabelle Knowles



Photo by Holbrook
Panhellenic Council; Delta Gamma Sorority; Hatchet staff; Women's Athletic Association Board.

Vice President

Dick Generelly



Photo by Mann's Studio
Hatchet—Business Manager, '44-45, Business Manager and Editor, '45-46; Cherry Tree—Associate Photographer, '43-44, Photographic Editor, '44-45, Associate Editor, '45-46; Cue 'n' Curtain, '43-44, '44-45, '45-46, Box Office Staff, '44-45, Acting; Phi Alpha Fraternity—'42-43, '43-44, '44-46, Secretary, '43-44, '44-45, President, '45-46; Publications Chairman, '43-44, '44-45; Hillel Counselorship—'44-45, '45-46; Executive Committee, '44-45; Religious Council, '44-45; Pi Delta Epsilon, '44-45,

Photo by Lloyd Studio
Sigma Alpha Epsilon Fraternity—Vice President, Fall, '45, Corresponding Secretary, Spring, '45, Warden, Fall, '44, Social Chairman, Fall, '44 and Spring, '46, Interfraternity Council Delegate, Spring, '46, Rush Captain, Summer-

Fall, '44; Interfraternity Council—Vice President, '46; Co-Director of Buff 'n' Blue, '45-46; President, Sophomore Class, '45-46; Pi Delta Epsilon Journalism Award, '45; Intramural Athletics; Hatchet—Junior Staff, News Editor, Fall, '45, Senior Staff.

Lois Lord



Photo by Cullen Studio
Pi Delta Epsilon; Junior Class Secretary—Treasurer; Outstanding Sophomore Woman, '45; Cherry Tree—Junior Staff, Associate Editor; Big Sisters; Co-Director, Combined Drives; Assistant Publicity Director, Student Council; Women's Athletic Association—Publicity Chairman, Recording Secretary; Inter-American Club; Christian Science Organization; Cue 'n' Curtain; Delta Zeta Sorority—House Chairman; Rush Chairman.

Activities Director

Mimi Branson



Photo by Holbrook
Cue 'n' Curtain—President, Radio Director, Acting; Big Sisters; Kappa Kappa Gamma Sorority—Activities Director; COGS; Junior Panhel—Treasurer; Band.

Nora Dubin



Photo by Allan H. Rubenstein
Junior Panhellenic Council—Delegate, Chairman of Goat Show Committee, '44-45; Cue 'n' Curtain, '45-46; Box Office Staff, '45; Big Sis-

ters, '44-45 '45-46—Assistant Registrar '45, Corresponding Secretary, '46; Hillel Counselorship, '44-45, '45-46—Publicity Director, Vice President, Executive Council; Hatchet—Junior Staff, Photographic Assistant, '45-46; Panhellenic Council—Delegate, Secretary; International Club; Women's Athletic Association, '44-45, '45-46; Phi Sigma Sigma, '44-45, '45-46—Treasurer, '46.

Advocate

Larry Woodward



Transfer from University of Richmond, Fall, '45; Sigma Alpha Epsilon Fraternity—President, Rush Chairman; Veteran's Club, Cherry Tree—Circulation Staff; Luther Club.

Social Chairman

Irene Martin



Photo by Holbrook
Junior Dance, '44; Orchestras, '44-45—Business Manager, '45-46; Delta Zeta Sorority—Assistant Social Chairman, '44-45, Treasurer; Women's Athletic Association, '44—Representative to Executive Board, '45-46; Big Sisters, '45-46.

Rusty Schiff



Photo by Holbrook
Hatchet—Business Staff, '44-45, Librarian, '45-46; Big Sisters, '45-46; Reli-

gious Council, '46; Hillel Counselorship, '44-45, Social Chairman, '45-46; Cue 'n' Curtain—Business Staff, '44-45, '45-46, Advertising Staff, '45-46, Acting, Publicity Staff, '44-45, '45-46; Band—Librarian and Secretary, '45-46; COGS, '45-46.

Program Director

Dorothy Jean Eggling



Photo by Cullen Studio
COGS—Co-Director; Alpha Lambda Sorority—Treasurer; Orchestras; Panhellenic Council—Chairman, Constitution Committee; Glee Club; Delta Zeta Sorority—Vice President, Historian Editor; Woman's Athletic Association; Big Sisters.

Lynn Harpster



Photo by Holbrook
Chi Omega Sorority; Women's Athletic Association Board; Wesley Club; Rifle Club; Sports Teams.

Alma Jean Tolan



Photo by Holbrook
Women's Athletic Association—Treasurer; Rifle Club—Manager, Varsity; Sports Teams; Cue 'n' Curtain; Student Nurses—Secretary; COGS; Big Sisters; Kappa Kappa Gamma Sorority—Vice President of Pledge Class, Pledge Trainer, Personnel Committee.

Boxing, Wrestling Intramural Tournament Runoff Tonight

Matches End Class Training

Professors Judge Boxing; Agusiewicz Referees Boxing

● BOXING AND wrestling intramurals will be run off this evening in the gymnasium at 7:30. Events in both sports will be viewed during the evening. An open invitation has been extended to any member of the University to be present tonight at this gala affair which will be one of the most picturesque intramural affairs of the year, according to director Joe Krupa.

In the boxing tournament the following tentative matches have been arranged. They are liable to be changed after the official weighing-in. 120 lbs., Suder vs. Williams; 125 lbs., Harwood vs. Wright; 135 lbs., Tinklenberg vs. Covington; 140 lbs., Perry vs. Aitkenson, Manucia vs. Hulenstein; 150 lbs., Sugar vs. Hildreth; 155 lbs., Faurote vs. Murray; 160 lbs., Vogels vs. Quigley; 168 lbs., Rosen vs. Pivovar; 185 lbs., King vs. Watson.

The wrestling matches, on the other hand, have been definitely set. Matches will be held in the following classes: 118 lbs., Freeman vs. Halberstadt; 135 lbs., Robbins vs. Clark; 145 lbs., Dushinberre vs. Dyck; 160 lbs., Thorne vs. Goldsand; 155 lbs., Seckinger vs. Poskus; 160 lbs., Reynolds vs. Thompson; 165 lbs., Croswell vs. Rice;



Photo by Edmonston Studio

● JUDGES—Outside of the ring judges for the boxing matches are Dr. Burnice H. Jarman and Dean Elmer L. Kayser.

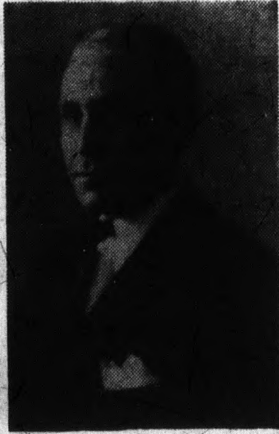


Photo by Heasler Studio

175 lbs., Romero vs. Schliaszteyn; unlimited, Davison vs. Unger. In the latter unlimited match between Davison and Unger the two opponents weighed in at 180 lbs. for Unger and 220 lbs. for Davison. This match should prove to be one of the better meets of the evening.

● DID YOU KNOW... That The University Hatchet was originally founded as a paying proposition.

In The Locker Room

With Barnes

● THIS WEEK THE athletic department announced that Varsity Letter Sweaters would be awarded to the following members of the basketball squad: Laddie Reichwein, captain, Tom Robertson, Bill Tinklenberg, Joe Giovacchini, Pete Labukas, John Moffatt, Ollie Kennedy, Barry Kreisberg, Moe Schulman, and Berry Barnes, manager. The sweaters, which will be blue with buff letters, will be awarded about May 1. It will be the first time in over three years that any Varsity Athletic Awards have been presented and marks another step forward in the revival of sports.

Intramural Tournament Features Added Events

In looking over the lineup of the boxing and wrestling tourney tonight it seems as if each bout is going to be quite a match. Doc Lentz has gone to the trouble of securing Charley Reynolds, one of the east's outstanding boxing referees, to handle the fights, thus securing well-refereed matches which are so important in such a sport. Not to be outdone by Doc, Joe Krupa, who is co-director of the tourney, has secured an outstanding feature act for intermission. This feature, which includes tumbling acts of all kinds, will be performed by Staff Sergeant Erhardt, Master Sergeant Leverett, and Sergeant Harvey, all expert gymnastic men with experience that includes vaudeville.

Remember, tonight decides whether inter-collegiate boxing and wrestling come to this University, and by your presence you will be putting faith in those who have gone to so much trouble to put on this tourney.

Skip Stahley Arrives

About a month ago it was announced that a new football coach had been acquired. Due to a delay in being discharged from the Navy, J. Neil Stahley did not arrive until this past week. His first act upon arriving was to meet the writers and sportsmen of the downtown area at the Touchdown Club. He made a very profound impression on these men and they felt that he will undoubtedly become the greatest coach this school has ever had and that George Washington will be fortunate if they can retain such a coach.

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Volleyball Finals Played Wednesday

• THE VOLLEYBALL TOURNAMENT came to an end with semi-final and final play-offs Monday and Wednesday night respectively. In the semi-finals the Phi Sigs played the Back Booth Boys, and the Theta Deltas met the Pink Elephants. The winners of these two matches were in the final play-off Wednesday evening at 8 o'clock. The result will be published next week.

The Historians came from behind last week after being defeated by Sigma Chi 15-11, 15-10, to win over the Bohemians 15-5, 15-5. Each team had only five players instead of a full team of six.

The undefeated Back Booth Boys were almost upset when Sigma Chi won the first game 15-9. Bob Unger and Jim Crawford played a magnificent game and kept the Sigs out in front during the first game. The Back Booths held their undefeated standing when they topped the Sigs 15-5, 15-7, to win two out of three. Schulman and Moffatt of the Back Booth Boys were outstanding on their set-ups.

The Colonials defeated Phi Alpha in a close match consisting of only five players on each team. The final scores were 15-10, 15-8. Simpson and Brooks were key men for the Colonials with their excellent team work.

SCIENTISTS

(Continued from Page 8)

Dean's Council, Delegate to the Dean's Council in '43 and '44, and a member of the band. He received a Bachelor in Mechanical Engineering.

Jim became associated with GWU/ABL in October, 1943. Since that time he has been working as Project Engineer for the Ballistics Design Group. He has been particularly interested in the designing and developing of various trap force measurement devices. He was project engineer on the Tri-Motor Bomb Project, one of the largest and heaviest rocket-propelled devices to be fired at ABL.

Daniel Leonov, a native of Washington, D. C. graduated in the class of '43 with a B. S. in chemistry. Since graduating he has worked at ABL on interior ballistics of mine clearing devices for the Engineering Board. For a short time, he worked with NDRC in Building C of the University, in the mathematical analysis group. Sidney Shulman, who graduated in '44 with a B. S. in chemistry, is also a native of Washington. While at the University, he belonged to the Symphony Club, Phi Epsilon Sigma and Phi Beta Kappa honorary fraternities.

His work at ABL, since 1944, has been in exterior ballistics and he developed new techniques for measuring the blasts produced by rockets.

Nancy Marmer Thompson, a Washingtonian, attended the University until '44, majoring in chemistry. While at ABL, she has been working with the Mathematical

Analysis Group and recently has participated in the initial development of the latest high velocity aircraft rocket.

Betty Martin Grismore, from Alexandria, Va., attended the University until '43, majoring in mathematics. While at ABL, she worked in the computing department of the mathematical analysis group, doing most of the personal computing for Dr. J. Barclay Rosser.

John Rappolt, from Washington, D. C., received a degree in sociology from the University in '34. He returned to the University, taking graduate and undergraduates courses in chemistry, while working towards his master's degree in that subject. In 1942 he started working at ABL. He did work on the specific impulse of propellant powders. In the spring of '44 he transferred from ABL group to the Jeophysical Lab of NDRC.

Dr. John Beek, Jr., the outstanding university scientist at ABL, is acted as consultant from the Bureau of Standards to Section H, Division 3. He did all the early work on specific impulses. He has developed a new theory for heat transfer from powder gases to rocket walls. He also was very interested in malfunctioning of the Army V-T fuse and his ideas contributed greatly to the development of the 115mm aircraft rocket.

Dr. Beek, using knowledge gained in basic research done in the early days of the project, formulated the completely new powder for the 115mm aircraft rocket. In January, 1944, he went to England on a special mission to study British production techniques. Since his return, he has been Project Engineer for the latest high velocity aircraft rocket, for the Army. Dr. Beek has also done work on powder traps for the 4 1/2" rocket, and is at present working on new and unusual materials for rocket motors.

Dr. Beek is on the Executive Committee of Rocket Research Group which is vitally interested in atomic energy, its proper control and development. The subject for his thesis will be on radiation in powder.

David D. Grimes, a native of Washington, graduated in the class of '43 with a Bachelor in Mechanical Engineering. While at ABL, he established and put in operating

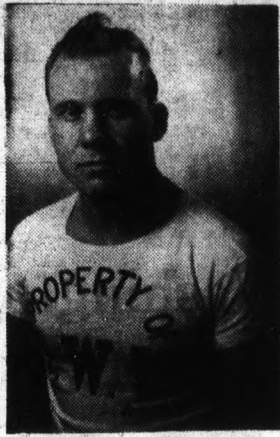


Photo by Holbrook

• REFEREE—Henry Agusiewicz will act as referee for the wrestling matches this evening.

condition the ABL Machine Shop, said by authorities to be the finest experimental machine shop in the east. He also did design work on the 4 1/2" rocket.

Howard Higbie, a native of Washington, is working on his Ph.D. in physical chemistry at the University. He started working for ABL during the early stages of its development. Working with Dr. Gibson, he set up the first solventless extrusion press in the United States. The basic research done by Howard Higbie and his group made possible the numerous dry extrusion plants in the country today. His group has also done considerable research on physical properties of powder. He is one of the founders of the Rocket Research Group.

Nelson Marans, from Washington, graduated in the class of '44, with a B. S. in chemistry. He is the only person at ABL, graduating from the University, who has done work strictly in chemistry and has been interested mainly in the development of new techniques for analyzing rocket powders. Recently he left ABL to resume studies in chemistry at Penn State.

Michael M. Bondy, a native of Belgrade, Yugoslavia, graduated in the class of '43 with a Bachelor of Electrical Engineering. While at ABL he worked in the instrument department. He has been mainly interested in induction firing of rockets. He was inducted into the Army and is now attending OCS at Aberdeen, Md. He intends to continue rocket research in the Army after getting his commission.



By DICKIE BURKE

• TWAS BRILLIG and the slithy toves did gyre and gimble in the wabe all mimsy were the borogroves (which is Tomahawk language for Spring) is definitely here, exams are on the way, and anything else you want it to mean.

Congratulations to Kappa's new initiates, Beverly Berry, Sally Barrow, Emmy Lou Capps, F. K. Cocroft, Connie Switzer, Kathy Coleen, Nancy Cuno, Robbie Lush, Jinny O'Neal, Joyce Payne, Harriet Cooley, Florence Montford, Nancy Lee Henderson, Ruth Boesch, Mickey Newcomb and Connie Hallowell. . . Dr. Ragatz will be surprised to read Pat Kendrick's European History exam. . . she said Handel's Messiah was a novel written to help the Greeks' struggle for freedom. . . Zeta installing new officers: Joan Hyatt, president; Estelle Smith, vice president; Betty Mayfield, secretary; Darhl Foreman, treasurer; Dottie Baker, historian; Charleen Holly, guard. . . Strong Hall room 508 is jinxed. . . everyone who has lived in it for several years has left to get married. . . Miss Kirkbride will be swamped with applications for changes of room. . . Ethel Fisher was married Friday at the chapel at Walter Reed. . . Martha Washington Club installing officers: President, Betty Jane Sheridan; vice president, Amelia McNally; secretary, Betty Lee; treasurer, Dorothy Jacobs. . . Ann Hanford, Kappa, engaged to Bill Stone. . . Last Thursday Emile gave the Sigma Kappas a talk on hair styles. . . notice all the new coiffures. . . Pi Phi's planning a hamburger heaven on April 7. . .

Kappa Sigs gave a picnic in Rock Creek Park last Sat. . . ask Scotty Garrigan about it. . . Delta Zetas giving their Rose Ball at the Wardman this Saturday night. . . Julie Anderson, Chi O, getting ready to depart for the Philippines. . . Ruth Smith, Kappa, waiting for the planes to come in. . . Beery Barnes, Sig, will be heading for Sweet Briar in a few weeks. . . he was most insulted when he was asked down only two weeks in advance. . . Phi Mu giving party April 11 to introduce its pledges to all the frat pledges and veterans. . . Bozie Maters just purchased a red Cadillac convertible with nothing but a little Shiffoffa. . . for translation see Ralph Stein. . . Dr. Gray of the American History department while lecturing on Teddy Roosevelt mentioned that he was a student of history, and at one time when he suffered political reverses he contemplated becoming a history prof. . . fate worse than death. . . Phi Sig open house last Sunday lots of fun for everybody. . . Mimi Branson, Kappa, has been reading so much Shakespeare for Richard the Third that she finds herself reading even the funnies in iambic pentameter. . . Superman scans well. . .

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THURSDAY, April 4 — "COLONEL BLIMP" (in technicolor), with Anton Wallbrook, Deborah Kerr, Roger Livesey, James McKechnie, at 5:15, 7:25, 9:35.

FRIDAY, SATURDAY, April 5, 6 — "UP GOES MAISE," with Al Bowlton, George Murphy, Friday at 5, 7:45, 9:40, Saturday at 1:20, 3:25, 5:30, 7:40, and 9:50.

SUNDAY-MONDAY-TUESDAY-WEDNESDAY, April 7-9-10 — "SPELL BOUND" with Ingrid Bergman and Gregory Peck.

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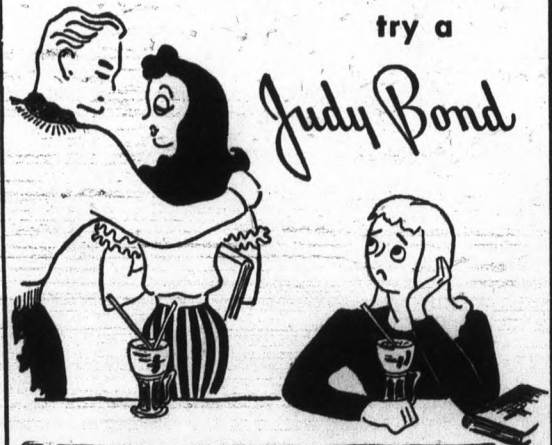
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CATERERS TO THE CAMPUS

The George Washington University Gazette

Thursday, April 4

11:30 A.M.-1:00 P.M.
11:30 A.M.-1:00 P.M.
12:30 P.M.
5:30-7:00 P.M.
5:30-7:00 P.M.
7:00-9:00 P.M.
8:00 P.M.
9:00 P.M.

Student Council Elections
Student Council Elections
Women's Glee Club Practice
Student Council Elections
Student Council Elections
Panhellenic Open House
Men's Glee Club Practice
Inter-Fraternity Council Meeting

Student Club
Hall of Government
Lisner Auditorium, Studio A
Student Club
Law School
Columbian House
Lisner Auditorium, Studio A
Columbian House

Friday, April 5

11:30 A.M.-1:00 P.M.
11:30 A.M.-1:00 P.M.
12:10 P.M.
3:00-5:00 P.M.
5:30-7:00 P.M.
9:00 P.M.

Student Council Elections
Student Council Elections
University Chapel: Rev. Howard Stone Anderson,
guest speaker.
Panhellenic Open House
Student Council Elections
Veterans Club Ball

Student Club
Medical School
Columbian House
Columbian House
Student Club
Willard Hotel

Saturday, April 6

9:00 P.M.

Hillel Foundation Splash Party

Ambassador Hotel

Sunday, April 7

*Washington churches welcome the attendance
of University students.*

1:30 P.M.
2:00 P.M.
2:00 P.M.
6:00 P.M.

Phi Alpha Meeting
Tau Epsilon Phi Meeting
Kappa Sigma Meeting
Canterbury Club

Columbian House
Columbian House
Fraternity House
821 16th Street, N.W.

Monday, April 8

12:10 P.M.
8:00 P.M.
8:20 P.M.
8:30 P.M.

Panhellenic Council Meeting
Sorority Meetings
Lecture on "Conflict of Laws" by Dean William C. VanVleck
Sigma Alpha-Epsilon Meeting

Columbian House
Sorority Rooms
Lisner Auditorium
Fraternity House

Tuesday, April 9

12:30 P.M.
7:30 P.M.
8:00 P.M.
8:30 P.M.

Women's Glee Club Practice
Westminster Foundation Meeting
Men's Glee Club Practice
Hillel Foundation Meeting

Lisner Auditorium, Studio A
1906 H Street, N.W.
Lisner Auditorium, Studio A
Columbian House

Wednesday, April 10

12 Noon
5:00 P.M.
8:00 P.M.
8:00 P.M.

Men's Glee Club Practice
Mortar Board Meeting
Student Council Meeting
Hatchet Staff Meeting

Lisner Auditorium, Studio A
Columbian House
Columbian House
Columbian House

*Items for the University Gazette must be in the Office of Information, Building N, 718-21st Street, N. W.
National 8200, Ext. 306, not later than 11:00 A. M. on Monday*